

**Snell & Wilmer**  
LLP

LAW OFFICES

One Arizona Center  
Phoenix, Arizona 85004-2202  
(602) 382-6000  
Fax: (602) 382-6070  
www.swlaw.com

**RECEIVED  
CENTRAL FAX CENTER**

JAN 13 2004

**OFFICIAL**

PHOENIX, ARIZONA

TUCSON, ARIZONA

IRVINE, CALIFORNIA

SALT LAKE CITY, UTAH

DENVER, COLORADO

LAS VEGAS, NEVADA

#25/dpn  
3-2-04  
Ret re  
Aband.

**FACSIMILE TRANSMISSION**

DATE: January 13, 2004

TIME IN: 4:35 AP  
TIME OUT:

TO:

Name	Fax Number	Phone Number
Art Unit 3723 United States Patent and Trademark Office	703-305-3579	703-308-1148

FROM: Laura Zeman

PHONE: 602-382-6377

RE: Serial No. 09/008,148

**MESSAGE:**

Please see attached Petition to Withdraw Holding of Abandonment. Please acknowledge receipt via return facsimile.

ORIGINAL DOCUMENT: Will be sent

NUMBER OF PAGES (Including Cover):

CONFIRMATION NO.:

CLIENT MATTER NO.: 29131.0217

PLEASE RETURN TO: Kim Wilson 16S21

PERSONAL FAX: No

REQUESTOR: Laura Zeman

DIRECT LINE: 602-382-6377

IF YOU HAVE NOT PROPERLY RECEIVED THIS TELECOPY, PLEASE CALL US AT (602) 382-6075.  
OUR FACSIMILE NUMBER IS (602) 382-6070.

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS ATTORNEY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.

JAN 13 2004

**OFFICIAL****CERTIFICATE OF FACSIMILE/MAILING BY U.S. FIRST CLASS MAIL**

I hereby certify that this correspondence, along with accompanying documents, pursuant to 37 C.F.R. §1.8, are being sent via facsimile to 703-305-3579 and a confirmation copy is being deposited as U.S. First Class Mail this date with the United States Postal Service in an envelope addressed to Art Unit 3723, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: January 13, 2004By: Kim L. Wilsey**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****- PATENT -**

Serial No.: 09/008,148

Filed:

January 16, 1998

Inventor: Clinton O. Fruitman

Atty. Docket No.: 29131.0217

Title: METHODS AND APPARATUS FOR THE CHEMICAL MECHANICAL  
PLANARIZATION OF ELECTRONIC DEVICES**PETITION TO WITHDRAW HOLDING OF ABANDONMENT**

Art Unit 3723  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In accordance with 37 CFR 1.181(a) and MPEP 711.03(c)(II), Applicant hereby respectfully petitions to have the Notice of Abandonment dated November 13, 2003 withdrawn as Applicant did not, and has not, received the Notice of Allowance. On April 21, 2003, the Examiner mailed out a Notice of Allowability requesting that corrected drawings be submitted for the above-captioned patent application (copy enclosed). The Notice of Allowability also stated that "If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course." On June 6, 2003, corrected formal drawings were faxed and mailed to the United States Patent and Trademark Office (copy enclosed). After receiving a phone call from the Examiner on June 19, 2003, an abstract was faxed to the Examiner at her request (copy enclosed). On August 20, 2003, a Status Inquiry was

Serial No. : 09/008,148  
Attorney Docket No. : 29131.0217

sent to check on the status of the application as a Notice of Allowance had still not been received (copy enclosed). No response to this Status Inquiry was ever received.

Applicant therefore respectfully requests that the Notice of Abandonment be withdrawn and a new Notice of Allowance be issued and forwarded to our office with the full statutory time period in which to respond provided.

Should the Assistant Commissioner's office or the Examiner in this matter wish to discuss this Petition, please contact the undersigned at (602) 382-6377.

Applicants authorize and respectfully request that any fees due be charged to Deposit Account No. 19-2814.

Respectfully submitted,

Dated: January 13, 2004

By: 

Laura J. Zeman  
Reg. No. 36,078

SNELL & WILMER LLP.  
One Arizona Center  
400 East Van Buren  
Phoenix, AZ 85004-2202  
TEL (602) 382-6377  
FAX (602) 382-6070



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/008,148	01/16/1998	CLINTON O. FRUITMAN	29131.0217	5868

LSZ 7590 04/21/2003  
SNELL & WILMER  
ONE ARIZONA CENTER  
400 EAST VAN BUREN  
PHOENIX, AZ 850040001

EXAMINER

MORGAN, EILEEN P

ART UNIT	PAPER NUMBER
----------	--------------

3723

DATE MAILED: 04/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Notice of Allowability**Application No.  
09/008,148Applicant(s)  
FruitmanExaminer  
MorganArt Unit  
9723

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

**RECEIVED**1. ☒ This communication is responsive to Decision by Board on 2-28-022. ☒ The allowed claim(s) is/are 4-10

APR 28 2003

3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.4. ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).a) ☐ All b) ☐ Some\* c) ☐ None of the:1. ☐ Certified copies of the priority documents have been received.2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).(a) ☐ The translation of the foreign language provisional application has been received.6. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.8. ☒ CORRECTED DRAWINGS must be submitted.(a) ☒ Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached1) ☐ hereto or 2) ☒ to Paper No. 5(b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the examiner.(c) ☐ including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. \_\_\_\_\_

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.**Attachment(s)**1 ☐ Notice of References Cited (PTO-892)3 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)5 ☐ Information Disclosure Statement(s) (PTO-1449), Paper No(s). \_\_\_\_\_7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material9 ☐ Other2 ☐ Notice of Informal Patent Application (PTO-152)4 ☐ Interview Summary (PTO-413), Paper No. \_\_\_\_\_6 ☐ Examiner's Amendment/Comment8 ☐ Examiner's Statement of Reasons for Allowance**MORGAN  
PRIMARY EXAMINER  
ART UNIT 3723**

EX-101-111111

EX-101-111111

Name	Fax Number	Phone Number
------	------------	--------------

EX-101-111111

EX-101-111111

EX-101-111111

EX-101-111111

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify that the below-identified Transmittal of Formal Drawings is being deposited as First Class Mail on this date with the United States Postal Service in an envelope addressed to Official Draftsperson, Drawing Review Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and a copy is being faxed to Examiner Eileen Morgan at (703) 303-3579.

Date: 6/6/03By: Kim L. Wilson  
Signature of Person Depositing as First Class Mail**PATENT****IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Applicant:	Clinton O. Fruitman	Docket No.:	29131.0217
Serial No.:	09/008,148	Group Art Unit No.:	3723
Filing Date:	January 16, 1998	Examiner:	Eileen P. Morgan
Confirmation No.:	5868		
Title:	METHOD AND APPARATUS FOR THE CHEMICAL MECHANICAL PLANARIZATION OF ELECTRONIC DEVICES		

**TRANSMITTAL OF FORMAL DRAWINGS**

Official Draftsperson  
Drawing Review Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

In accordance with 37 C.F.R. §1.85(c), Applicant encloses herewith 5 sheets of formal drawings (Figures 1-5B) as required in connection with the Notice of Allowability mailed April 21, 2003, in the above-identified patent application.

If there are any questions regarding the enclosed drawings, the undersigned requests the courtesy of a telephone call at the number shown below.

Respectfully submitted,

Date: 6/6/03By: Laura J. Zeman  
Laura J. Zeman, Reg. No. 36,078

Snell & Wilmer LLP  
One Arizona Center  
400 East Van Buren  
Phoenix, AZ 85004-2202  
(602) 382-6377  
(602) 382-6070 - Facsimile  
1358004

Title: METHOD AND APPARATUS FOR THE CHEMICAL  
MECHANICAL POLARIZATION OF ELECTRONIC DEVICES  
Inventor: Clinton O. Fruitman  
Appl. Serial No.: 08/008,148 Docket No.: 29131.0217

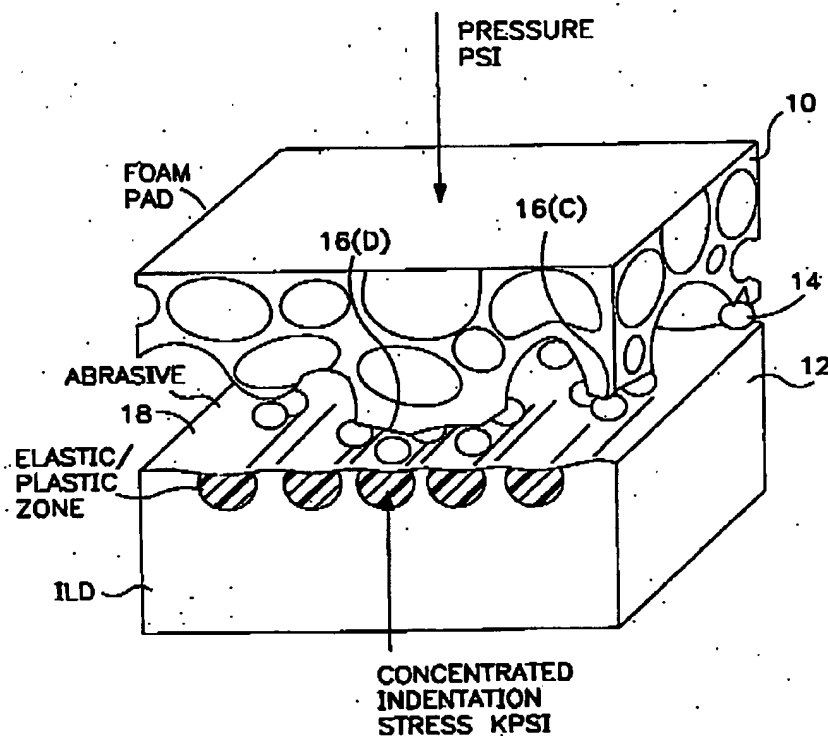
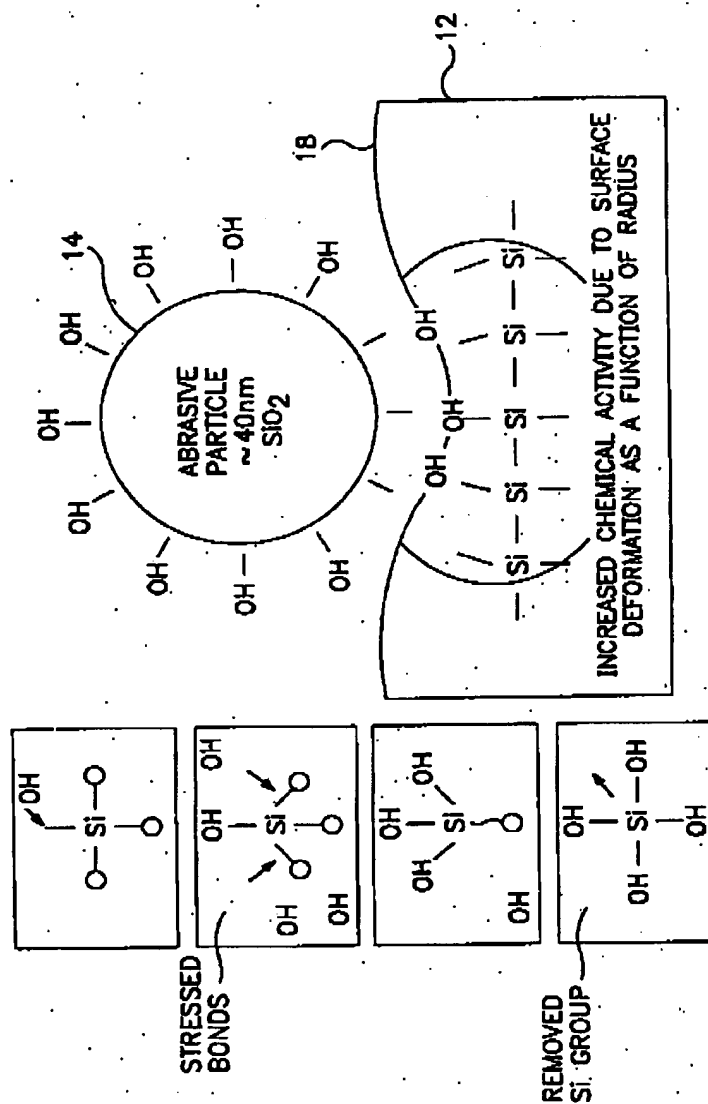


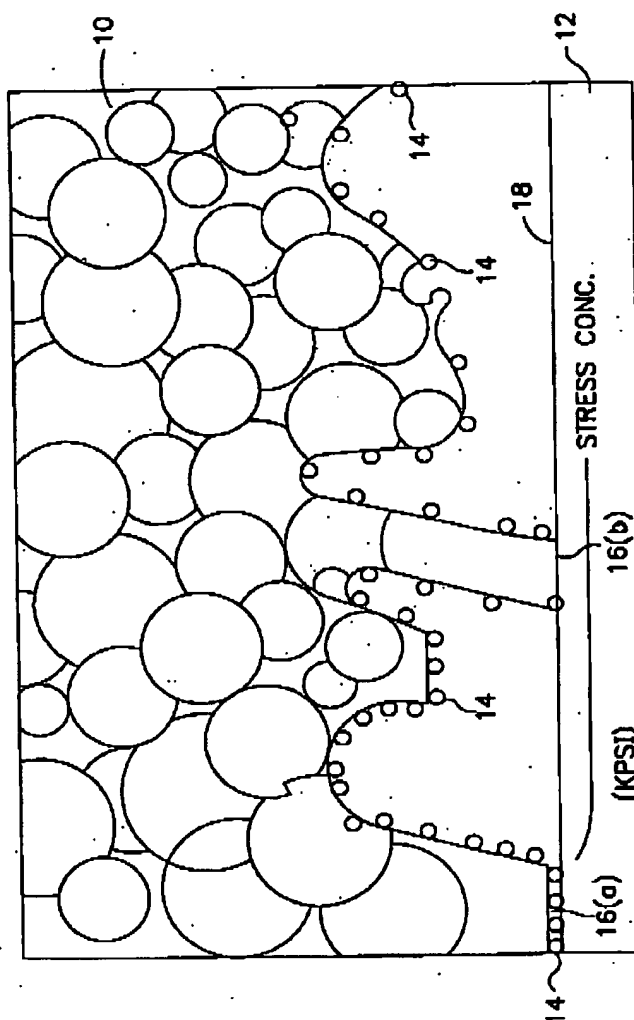
FIG. 1



106: METHOD AND APPARATUS FOR THE CHEMICAL  
MECHANICAL POLARIZATION OF ELECTRONIC DEVICES  
Inventor: Clinton O. Frulman  
Appl. Serial No.: 09/008,148 Docket No.: 29131.0217

**FIG. 2**

Title: METHOD AND APPARATUS FOR THE CHEMICAL MECHANICAL POLYMERIZATION OF ELECTRONIC DEVICES  
Inventor: Clinton O. Fruitman  
Appl. Serial No.: 09/008,146 Docket No.: 29131.0217



Title: METHOD AND APPARATUS FOR THE CHEMICAL  
MECHANICAL POLARIZATION OF ELECTRONIC DEVICES  
Inventor: Clinton O. Frutman  
Appl. Serial No.: 09/008,148 Docket No.: 28131.0217

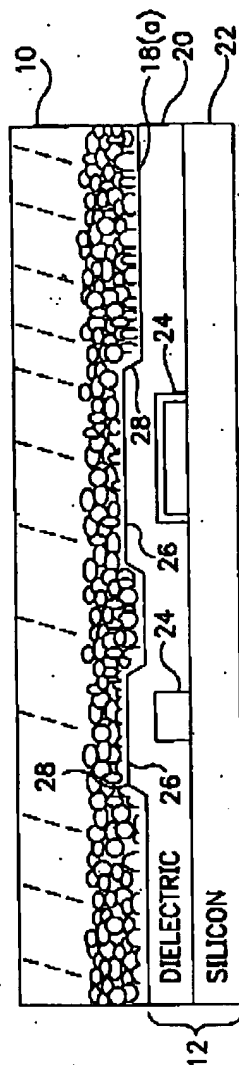


FIG. 4A

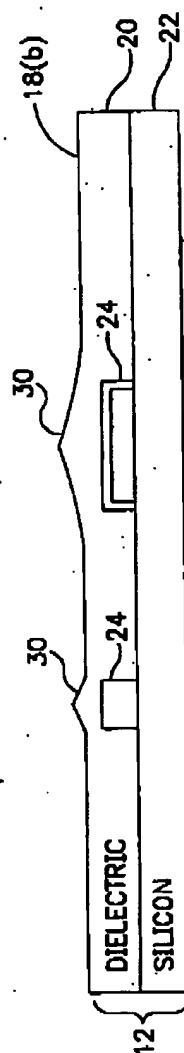


FIG. 4B

Title: METHOD AND APPARATUS FOR THE CHEMICAL  
MECHANICAL POLARIZATION OF ELECTRONIC DEVICES  
Inventor: Clinton O. Fruitman  
Appl. Serial No.: 09/008,148 Docket No.: 29131.0217

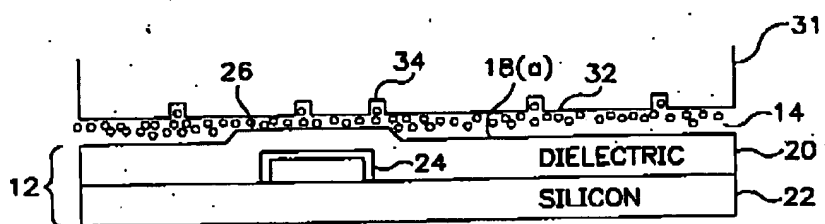


FIG. 5A

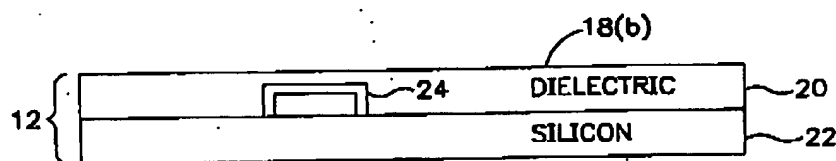
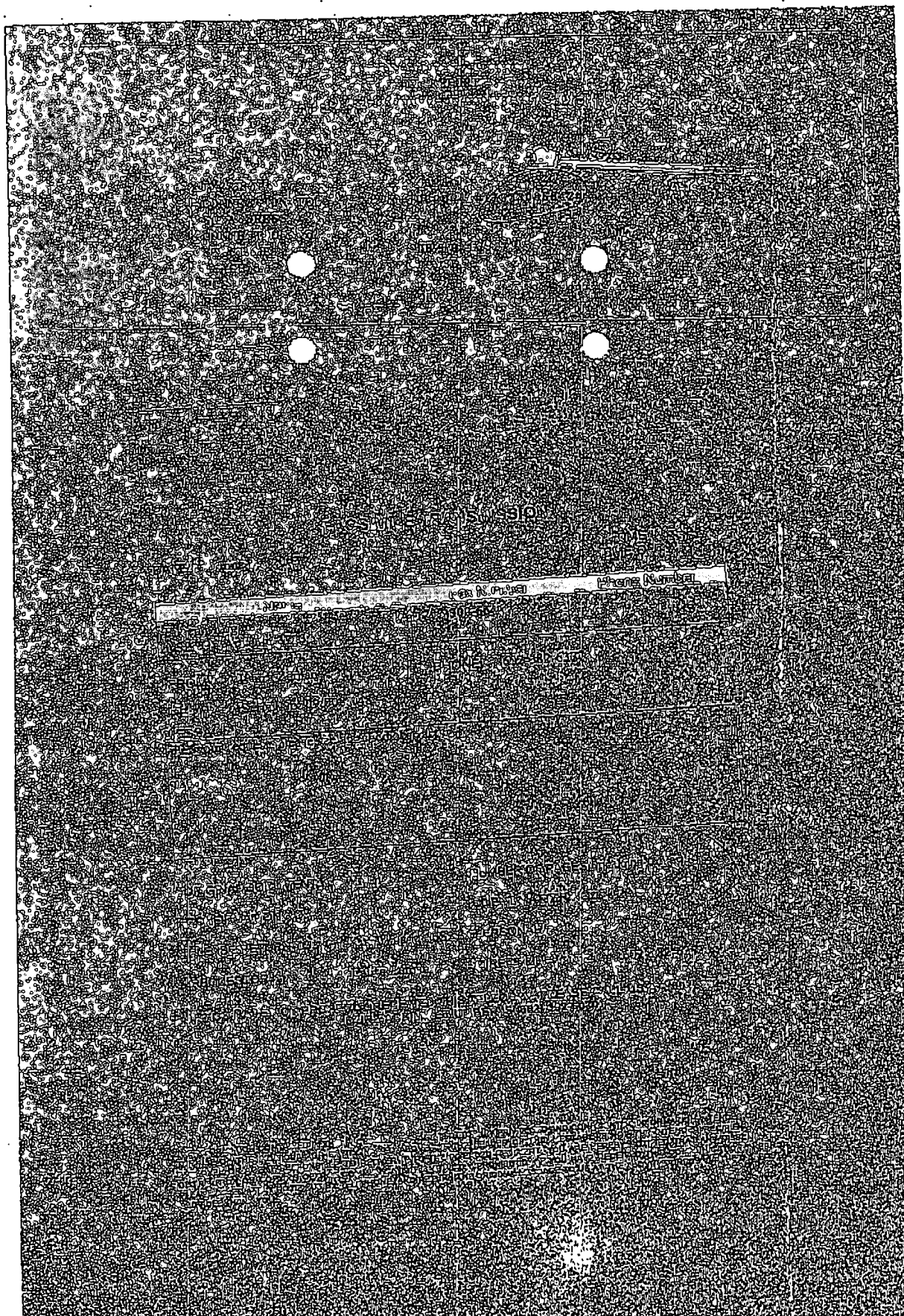
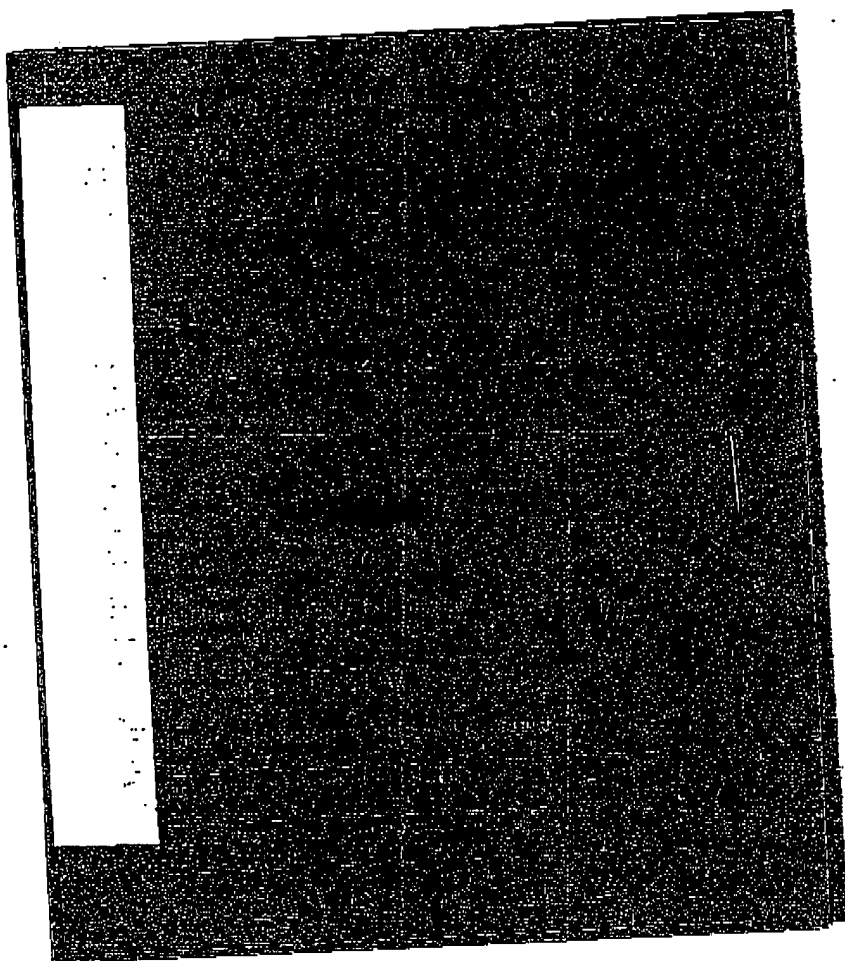


FIG. 5B



Abstract

Method and apparatus for chemically and mechanically planarizing the surface of a silicon wafer which includes a compressible non-cellular lapping surface and a slurry disposed between the wafer and the lapping surface.



**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify that the below-identified Status Inquiry is being deposited as First Class Mail on this date with the United States Postal Service in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: August 20, 2003By: Kim L. Wilson  
Signature of Person Depositing as First Class Mail**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE****-- PATENT --**

Applicant: Clinton O. Fruitman

Docket No.: 29131.0217

Serial No.: 09/008,148

Filing Date: January 16, 1998

Title: METHODS AND APPARATUS FOR THE  
CHEMICAL MECHANICAL  
PLANARIZATION OF ELECTRONIC  
DEVICESExaminer: Bileen P.  
Morgan**STATUS INQUIRY**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Honorable Commissioner:

Kindly advise the undersigned of the present status of this application. On April 21, 2003, the Examiner mailed out a Notice of Allowability requesting that corrected drawings be submitted for the above-captioned patent application. On June 6, 2003, corrected formal drawings were faxed and mailed to the United States Patent and Trademark Office. After receiving a phone call from the Examiner on June 19, 2003, an abstract was faxed to the Examiner at her request. Since that time, the undersigned has heard nothing further regarding the status of this application and has not received a Notice of Allowance. A self-addressed, postage paid return envelope is provided for your reply.

Dated: August 20, 2003

Respectfully submitted,

By: Laura J. Zeman  
Laura J. Zeman  
Reg. No. 36,078SNELL & WILMER LLP.  
One Arizona Center  
400 East Van Buren  
Phoenix, Arizona 85004-2202  
Telephone: (602) 382-6377  
Facsimile: (602) 382-6070